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## Patent Abstracts of Japan

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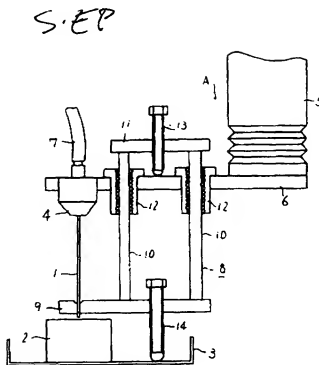
APPLICATION DATE : 13-07-79  
APPLICATION NUMBER : 54089085

APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : ISHIHARA SHOJI;

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TITLE : ELECTROSPARK MACHINING DEVICE



ABSTRACT : PURPOSE: To prevent the deviation of an electrode and increase the machining precision by providing an electrode guide device guiding and holding the electrode in a position apart by a fixed distance from the surface to be machined.

CONSTITUTION: The electrode guide device 8 consists of an electrode guide plate 9 which holes and guides the electrode 1 with its tip part apart by a fixed distance from the surface of an article 2 to be machined, slidable shafts 10 which support and fix the electrode guide plate 9 and guide the plate 9 to move in the direction of feeding for machining, a position-adjusting plate 11 provided in the upper part of the slidable shafts 10, and guide members 12. These are mounted on a fitting board 6 used for fitting the device to a discharge head 5, unitedly with an electrode holding device 4. In addition, the electrode guide device 8 is equipped with an adjusting screw 13 for adjusting the distance between the fitting board 6 and the position-adjusting plate 11 and with a fixed screw 14 for adjusting the distance between a machining tank 3 and the electrode guide plate 9.

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